

PRIOR ART  
FIG. 1

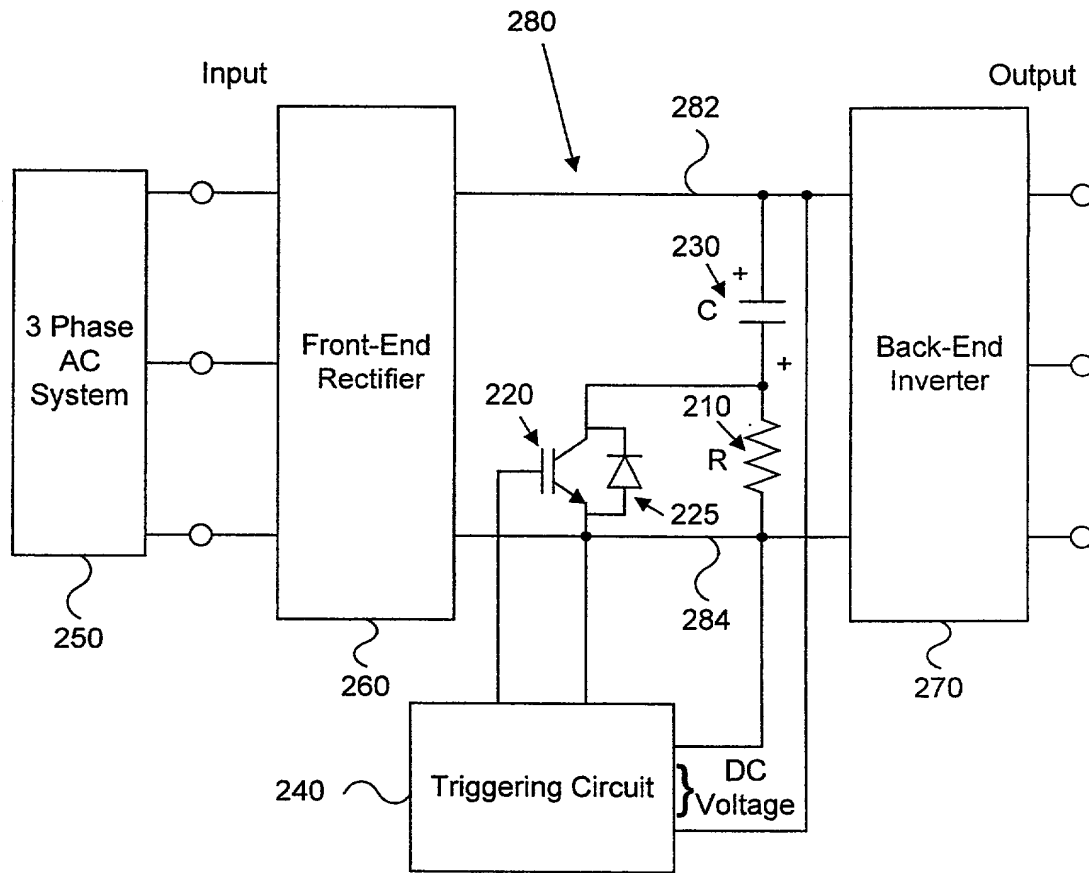


FIG. 2A

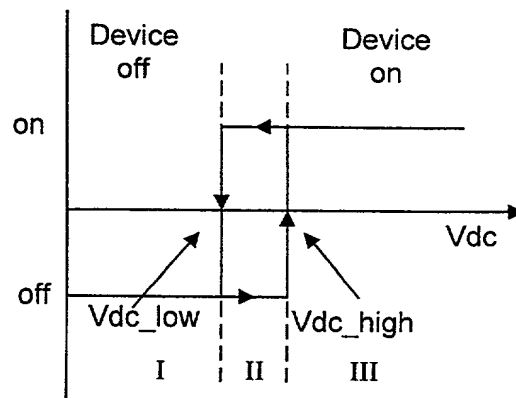


FIG. 2B

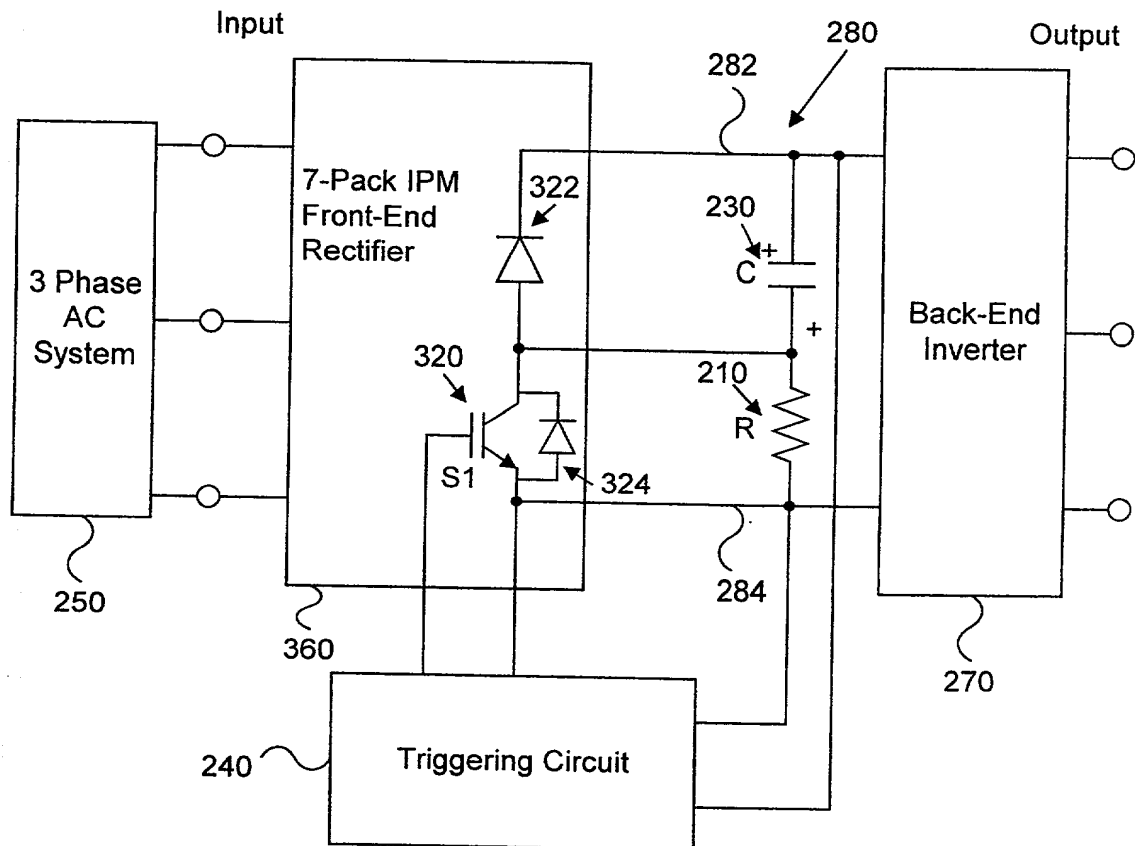
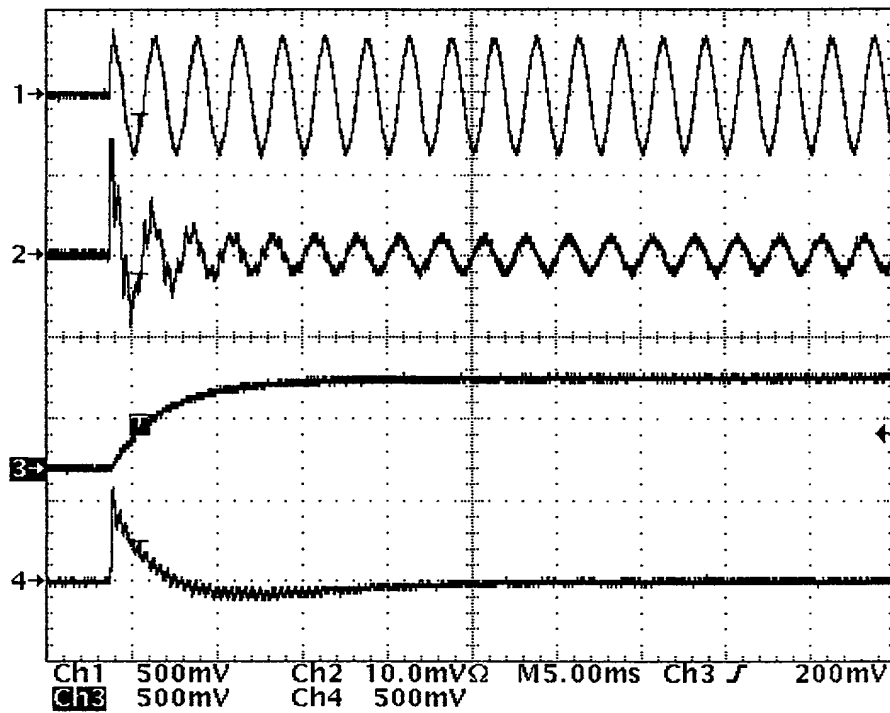


FIG. 3

**Fig. 4**

Trace 1: AC line-neutral voltage [250V/div]

Trace 2: AC source phase a current [20A/div]

Trace 3: DC bus voltage [250V/div]

Trace 4: DC link current at soft-start [25A/div]